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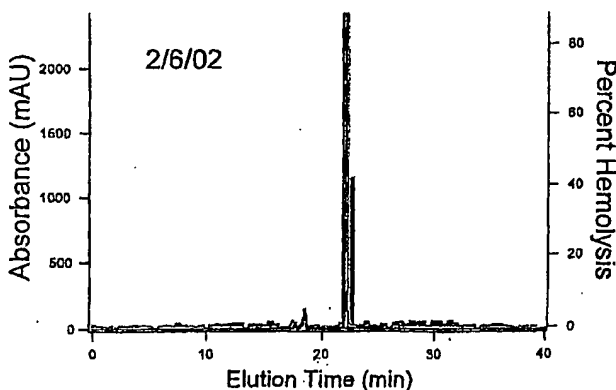
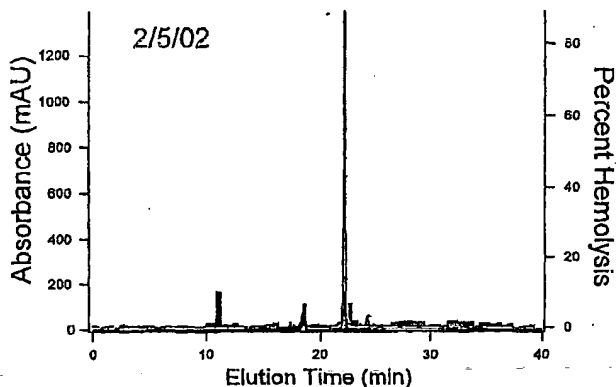
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[Continued on next page]

(54) Title: DINOFLAGELLATE KARLOTOXINS, METHODS OF ISOLATION AND USES THEREOF

(57) Abstract: Disclosed are six dinoflagellate toxins isolated from *Karlodinium micrum* and methods of isolating said toxins. The toxins are useful in killing cells, such as in the killing of tumor cells in an animal. Antibodies against these toxins allow detection of the toxins and the dinoflagellate as well as a method of neutralizing the toxin.



WO 2004/100659 A2